

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (CANCELLED)

2. (CANCELLED)

3. (Currently Amended) A solar cell unit as set forth in claim 16, wherein the drain channel has a rib projecting upward from a bottom of the drain channel and extending longitudinally of the drain channel.

4. (Currently Amended) A solar cell unit as set forth in claim 26, wherein the drain channel has a barrier plate which closes one end of the drain channel located on the roof ridge side.

5. (CANCELLED)

6. (Currently Amended) A solar cell unit comprising:

a solar cell module;

a module frame provided around the solar cell module as supporting the solar cell module for mounting the solar cell unit on an oblique roof;

a drain channel provided along an edge of the module frame outside the module frame
A solar cell unit as set forth in claim 5;

wherein the solar cell module has a rectangular shape;

the module frame includes two horizontal frame portions provided parallel to each other to be disposed on a roof ridge side and on an eave side, respectively, when the solar cell unit is mounted on the oblique roof, and a first side frame portion and a second side

frame portion respectively extending from opposite ends of one of the horizontal frame portions to opposite ends of the other horizontal frame portion; and

the drain channel is provided along an outer side of the first side frame portion; wherein the drain channel includes a channel bottom and opposite side walls;

the second side frame portion has a planar projection projecting horizontally outward from an entire upper edge of the second side frame portion; and

the projection is located at a higher level than the side walls of the drain channel; wherein the drain channel and the projection each have a predetermined width; and

the width of the drain channel is greater than the width of the projection.

7. (Currently Amended) A solar cell unit as set forth in claim 56, wherein the projection has a rib projecting downward from a rear surface of the projection and extending along the second side frame portion for dripping rainwater flowing along the rear surface of the projection.

8. (Currently Amended) A solar cell unit comprising:

a solar cell module;

a module frame provided around the solar cell module as supporting the solar cell module for mounting the solar cell unit on an oblique roof;

a drain channel provided along an edge of the module frame outside the module frame;

wherein the solar cell module has a rectangular shape;

the module frame includes two horizontal frame portions provided parallel to each other to be disposed on a roof ridge side and on an eave side, respectively, when the solar cell unit is mounted on the oblique roof, and a first side frame portion and a second side frame portion respectively extending from opposite ends of one of the horizontal frame portions to opposite ends of the other horizontal frame portion; and

the drain channel is provided along an outer side of the first side frame portion;
wherein the drain channel includes a channel bottom and opposite side walls;

the second side frame portion has a planar projection projecting horizontally
outward from an entire upper edge of the second side frame portion; and
the projection is located at a higher level than the side walls of the drain channel;
A solar cell unit as set forth in claim 5;

wherein the first side frame portion further has an auxiliary drain channel projecting under the module and extending along an inner side of the first side frame portion.

9. (Currently Amended) A solar cell unit comprising:

a solar cell module;

a module frame provided around the solar cell module as supporting the solar cell
module for mounting the solar cell unit on an oblique roof;

a drain channel provided along an edge of the module frame outside the module
frame;

wherein the solar cell module has a rectangular shape;

the module frame includes two horizontal frame portions provided parallel to each
other to be disposed on a roof ridge side and on an eave side, respectively, when the solar
cell unit is mounted on the oblique roof, and a first side frame portion and a second side
frame portion respectively extending from opposite ends of one of the horizontal frame
portions to opposite ends of the other horizontal frame portion; and

the drain channel is provided along an outer side of the first side frame portion;
wherein the drain channel includes a channel bottom and opposite side walls;

the second side frame portion has a planar projection projecting horizontally
outward from an entire upper edge of the second side frame portion; and
the projection is located at a higher level than the side walls of the drain channel;
A solar cell unit as set forth in claim 5;

wherein the first side frame portion further has a planar auxiliary projection projecting horizontally outward from an entire upper edge of the first side frame portion.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (New) A solar cell unit as set forth in claim 8, wherein the drain channel has a rib projecting upward from a bottom of the drain channel and extending longitudinally of the drain channel.

14. (New) A solar cell unit as set forth in claim 8, wherein the drain channel has a barrier plate which closes one end of the drain channel located on the roof ridge side.

15. (New) A solar cell unit as set forth in claim 8, wherein the projection has a rib projecting downward from a rear surface of the projection and extending along the second side frame portion for dripping rainwater flowing along the rear surface of the projection.

16. (New) A solar cell unit as set forth in claim 9, wherein the drain channel has a rib projecting upward from a bottom of the drain channel and extending longitudinally of the drain channel.

17. (New) A solar cell unit as set forth in claim 9, wherein the drain channel has a barrier plate which closes one end of the drain channel located on the roof ridge side.

18. (New) A solar cell unit as set forth in claim 9, wherein the projection has a rib projecting downward from a rear surface of the projection and extending along the second side frame portion for dripping rainwater flowing along the rear surface of the projection.

19. (New) A solar cell unit comprising:

a solar cell module;

a module frame provided around the solar cell module as supporting the solar cell module for mounting the solar cell unit on an oblique roof; the module frame comprising a first side frame portion and a second side frame portion, the first side frame portion and the second side frame portion extending parallel to one another and being spaced apart in a lateral direction;

a drain channel provided along an edge of the first side frame portion;

a planar projection projecting horizontally outward from an upper edge of the second side frame portion;

at least one drain trough-defining rib extending upwardly from the drain channel;

at least one drip rib extending downwardly from the planar projection;

wherein a degree of downward extent of the drain trough-defining rib and a degree of upward extent of the drip rib facilitates adjustable positioning of the solar cell unit in the lateral direction without interference with a drip rib or drain trough-defining rib of an adjacent solar cell unit.

20. (New) A method for mounting solar cell units on a partly tile-covered oblique roof, each solar cell unit comprising:

a module frame provided around the solar cell module as supporting the solar cell module for mounting the solar cell unit on an oblique roof; the module frame comprising a first side frame portion and a second side frame portion, the first side frame portion and the second side frame portion extending parallel to one another and being spaced apart in a lateral direction;

a drain channel provided along an edge of the first side frame portion;

a planar projection projecting horizontally outward from an upper edge of the second side frame portion;

at least one drain trough-defining rib extending upwardly from the drain channel;

at least one drip rib extending downwardly from the planar projection;

wherein the method comprises:

positioning a first solar cell unit adjacent a second solar cell unit in a lateral direction; and

adjusting a degree of overlap of the planar projection of the first solar cell unit over the drain channel of the second solar cell unit, a degree of downward extent of the drain trough-defining rib of the second solar cell unit and a degree of upward extent of the drip rib of the first solar cell unit facilitating adjustable positioning of the solar cell unit in the lateral direction without interference with a drip rib or drain trough-defining rib of an adjacent solar cell unit.